

# Atorvastatin Calcium (Cas No 134523-00-5)

TAJAV-HUMKAET668

Taj Active Pharmaceutical Ingredients

[www.tajapi.com](http://www.tajapi.com)

Active Pharmaceutical Ingredients  
TAJ PHARMACEUTICALS LIMITED INDIA

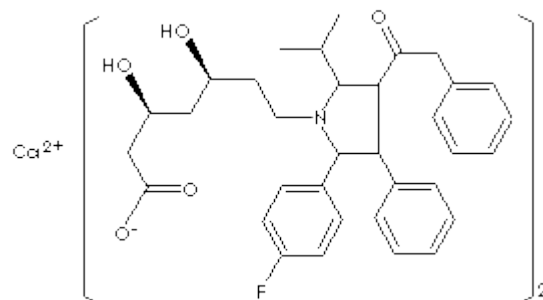


Raw Material / Chemicals Index

## Atorvastatin Calcium

PRODUCT IDENTIFICATION

CAS NO. 134523-03-8



EINECS NO. FORMULA (C<sub>33</sub>H<sub>34</sub>FN<sub>2</sub>O<sub>5</sub>)<sub>2</sub>Ca·3H<sub>2</sub>O MOL WT. 1209.42

H.S. CODE

TOXICITY

SYNONYMS Lipitor; (-)-Monocalcium bis[(3R, 5R)-7-[2-(4-fluorophenyl)-5-isopropyl-3-phenyl-4-phenylcarbamoyl-1H-pyrrol-1-yl]-3,5-dihydroxyheptanoate] Trihydrate; [R-(R',R')]-2-(4-fluorophenyl)-beta,delta-dihydroxy-5-(1-methylethyl)-3-phenyl-4[(phenylamino) carbonyl]-1H-pyrrole-1-heptanoic acid, calcium salt (2:1) Trihydrate; Atorvastatin is a member of the drug class known as statins, used for lowering blood cholesterol.

It also stabilizes plaque and prevents strokes through anti-inflammatory and other mechanisms. Atorvastatin inhibits HMG-CoA reductase, **the rate-determining enzyme located in hepatic tissue that produces mevalonate, a small molecule used in the synthesis of cholesterol and other mevalonate derivatives.**

This lowers the amount of cholesterol produced which in turn **lowers the total amount of LDL cholesterol.**

### CLASSIFICATION

PHYSICAL AND CHEMICAL PROPERTIES

**PHYSICAL STATE : white to off-white crystalline powder**

AUTOIGNITION  
NFPA RATINGS  
REFRACTIVE INDEX  
FLASH POINT  
STABILITY

Stable under ordinary conditions.

**SALES SPECIFICATION**

APPEARANCE: white to off-white crystalline powder

IDENTIFICATION: Complies (Test A,B)

**ASSAY: 98.0% - 101.0%**

**CALCIUM: 3.3% - 3.6%**

**WATER: 7.0% max**

**LOSS ON DRYING:: 0.5% max**

**Usage: Antihyperlipidemia**

TRANSPORTATION

PACKING :

**1kg/tin or as per your requirement**

Characteristics: a white or almost white crystalline powder

- 1) Specific rotation: -7.0 ~ -9.0
- 2) Water: 3.5% ~ 5.5%
- 3) Calcium: 3.0% ~ 3.6%
- 4) Heavy metals: 10ppm

**Impurity (HPLC):**

- 1) Atorvastatin Lactone: 0.3%
- 2) Desfluoro-atorvastatin calcium: 0.2%
- 3) Diamine-atorvastatin calcium: 0.3%
- 4) Isomer-atorvastatin calcium: 0.2%
- 5) Other individual:
  - a) Unknown impurity: 0.15%
  - b) Total impurity: 1.0%

**c) Assay: 98.0 - 102.0%**

HAZARD CLASS: UN NO.

OTHER INFORMATION

**Hazard Symbols: , Risk Phrases: , Safety Phrases: 22-24/25**

Origin: INDIA

We have experience in [Exporting and Manufacturing](#) of all [Countries and Overseas medicines](#) in

quick reliable manner and we are very interested to start collaboration with your company or organisation!



2004 - 2010 Taj Pharmaceuticals Limited. All rights reserved

**Note:-**We are committed to helping you find the right answers to your questions and concerns. However, this web site is not intended to give investment advice, promote the use of Taj Pharmaceuticals Ltd products or provide information on which to base medical treatment. If you have questions regarding any Taj Pharmaceuticals Ltd product or are experiencing a medical emergency, please consult your health care provider. [Active Pharmaceutical Ingredients](#) manufacturer, exporter, drug ingredients, pharmaceuticals, India  
Additionally, contact information on this web site cannot be used to report adverse drug events. If you are a physician, please follow the procedures required by your country's regulations. Please choose one of the given options to contact us and we will respond to